810 Invoice

Functional Group ID=IN

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. Use this transaction set to transmit commercial invoices to a DoD activity responsible for initiating the payment.

2. Use a single occurrence of this transaction to invoice or provide adjustments for one or more deliveries or service performances, provided to the DoD on one or more shipments.

3. Use to transmit commercial invoice data only from one invoice preparing party to one invoice receiving party.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
9	040	CUR	Currency	O	1		
12	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
14	070	N1	Name	O	1		
18	080	N2	Additional Name Information	O	2		
19	090	N3	Address Information	O	2		
20	100	N4	Geographic Location	O	1		
21	110	REF	Reference Numbers	O	12		
23	120	PER	Administrative Communications Contact	O	3		
26	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
29	140	DTM	Date/Time Reference	O	10		
31	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	190	PKG	Marking, Packaging, Loading	O	25		
Not Used	200	L7	Tariff Reference	O	1		
33	210	AT	Financial Accounting	O	>1		
Not Used	212	BAL	Balance Detail	O	2		n1
Not Used	213	INC	Installment Information	O	1		
			LOOP ID - LM			10	
Not Used	220	LM	Code Source Information	O	1		
Not Used	230	LQ	Industry Code	M	100		
			LOOP ID - N9			1	
35	240	N9	Reference Number	O	1		
Not Used	250	MSG	Message Text	O	10		
			LOOP ID - V1			>1	
Not Used	260	V1	Vessel Identification	O	1		
Not Used	270	R4	Port	O	>1		
Not Used	280	DTM	Date/Time Reference	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
37	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n2
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
42	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
44	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
46	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
48	120	REF	Reference Numbers	O	>1		
Not Used	130	PER	Administrative Communications Contact	O	5		
Not Used	140	SDQ	Destination Quantity	O	500		
50	150	DTM	Date/Time Reference	O	10		
52	160	CAD	Carrier Detail	O	>1		
Not Used	170	L7	Tariff Reference	O	>1		
Not Used	175	SR	Requested Service Schedule	O	1		
			LOOP ID - SAC			25	
54	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

57	190	TXI	Tax Information	O	10		
			LOOP ID - SLN			1000	
59	200	SLN	Subline Item Detail	O	1		
62	210	REF	Reference Numbers	O	>1		
Not Used	220	PID	Product/Item Description	O	1000		
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	235	TC2	Commodity	O	2		
Not Used	237	TXI	Tax Information	O	10		
			LOOP ID - N1			200	
63	240	N1	Name	O	1		
65	250	N2	Additional Name Information	O	2		
66	260	N3	Address Information	O	2		
67	270	N4	Geographic Location	O	1		
Not Used	280	REF	Reference Numbers	O	12		
Not Used	290	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			10	
Not Used	300	LM	Code Source Information	O	1		
Not Used	310	LQ	Industry Code	M	100		
			LOOP ID - V1			>1	
Not Used	320	V1	Vessel Identification	O	1		
Not Used	330	R4	Port	O	>1		
Not Used	340	DTM	Date/Time Reference	O	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
68	010	TDS	Total Monetary Value Summary	M	1		
69	020	TXI	Tax Information	O	10		
71	030	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			25	
73	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
76	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
78	070	CTT	Transaction Totals	M	1		n3
80	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1.   The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment''or ``Special Handling Adjustment'' invoice.
2.   The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade

-ins or returns.

3. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment:	**ST** **Transaction Set Header**		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			810 X12.2 Invoice	
M	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.	

Segment:	**BIG** Beginning Segment for Invoice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates	
Syntax Notes:		
Semantic Notes:	**1**	BIG01 is the invoice issue date.
	2	BIG03 is the date assigned by the purchaser to purchase order.
	3	BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.
Comments:	**1**	BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BIG01	373	**Date**	**M DT 6/6**
			Date (YYMMDD)	
			Use to identify the date the transaction set was created. In the context of a commercial invoice, this date will represent the date of the invoice.	
M	BIG02	76	**Invoice Number**	**M AN 1/22**
			Identifying number assigned by issuer	
			Use to uniquely identify the invoice transaction to an issuer. The invoice number may not be duplicated by a issuer in an original transaction (BIG08, code 00) within a 12 month period. Same number can be used if issuing an amended invoice (BIG08 is code 01, 05, or 07).	
	BIG03	373	**Date**	**O DT 6/6**
			Date (YYMMDD)	
			When BIG05 is used, cite the date of the delivery order, call or release. When BIG05 is not used, cite the date of the award instrument in BIG04.	
Must Use	BIG04	324	**Purchase Order Number**	**O AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), BPA number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number (PIIN) for DOD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BIG05. This number shall be transmitted without dashes.	

	BIG05	**328**	**Release Number**	**O**	**AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DOD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.

	BIG06	**327**	**Change Order Sequence Number**	**O**	**AN 1/8**

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

Use, as applicable, to identify a modification number to the instrument in BIG05. If BIG05 is blank, the PIIN in BIG04.

Must Use	**BIG07**	**640**	**Transaction Type Code**	**O**	**ID 2/2**

Code specifying the type of transaction

AI   Adjusted Invoice

Use to indicate an adjusted invoice for Defense Fuels Supply Center (DFSC) transactions.

CO   Corrected

Use to indicate a corrected invoice for Standard Automated Materiel Management System (SAMMS) transactions.

CR   Credit Memo

DI   Debit Invoice

Use to indicate an ordinary invoice.

DO   Drop Shipment Invoice

RE   Rebill

Use to indicate a rebill of the invoice on Standard Automated Materiel Management System (SAMMS) transactions.

Must Use	**BIG08**	**353**	**Transaction Set Purpose Code**	**O**	**ID 2/2**

Code identifying purpose of transaction set

00   Original

Use to indicate the initial submission of an original invoice or a replacement invoice for one that was cancelled but which has a new number assigned.

01   Cancellation

Use to indicate the cancellation of a previously submitted invoice.

05   Replace

Use to indicate a replacement invoice using the same invoice number as a previously submitted

			invoice. When used, the replacement invoice will overwrite the original invoice in the receiving data base.		
		07	Duplicate		
			Use to indicate a duplicate submission.		
	BIG09	**306**	**Action Code**	**O**	**ID 1/2**
			Code indicating type of action		
		F	Final		
			Use to indicate the final invoice. Do not use for partial invoices.		
Not Used	**BIG10**	**76**	**Invoice Number**	**O**	**AN 1/22**
			Identifying number assigned by issuer		

Segment:	**CUR** Currency	
Position:	040	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction	
Syntax Notes:	1	If CUR08 is present, then CUR07 is required.
	2	If CUR09 is present, then CUR07 is required.
	3	If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4	If CUR11 is present, then CUR10 is required.
	5	If CUR12 is present, then CUR10 is required.
	6	If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7	If CUR14 is present, then CUR13 is required.
	8	If CUR15 is present, then CUR13 is required.
	9	If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10	If CUR17 is present, then CUR16 is required.
	11	If CUR18 is present, then CUR16 is required.
	12	If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13	If CUR20 is present, then CUR19 is required.
	14	If CUR21 is present, then CUR19 is required.
Semantic Notes:		
Comments:	1	See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	*1. Use this 1/CUR/040 segment to identify the currency in which payment is requested if in other than US dollars.*	
	2. When requesting payment in other than US dollars, cite code BY in CUR01 and the requested payment currency in CUR02. No exchange rate is required for the payment currency.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CUR01	98	**Entity Identifier Code**	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			BY　　　　　Buying Party (Purchaser)	
			Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.	
M	CUR02	100	**Currency Code**	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
			Use the appropriate code to specify the currency in which payment is requested.	
Not Used	CUR03	280	**Exchange Rate**	O R 4/6

			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
Not Used	CUR04	98	**Entity Identifier Code**	O	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
Not Used	CUR05	100	**Currency Code**	O	**ID 3/3**
			Code (Standard ISO) for country in whose currency the charges are specified		
Not Used	CUR06	669	**Currency Market/Exchange Code**	O	**ID 3/3**
			Code identifying the market upon which the currency exchange rate is based		
Not Used	CUR07	374	**Date/Time Qualifier**	X	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	CUR08	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
Not Used	CUR09	337	**Time**	O	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR10	374	**Date/Time Qualifier**	X	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	CUR11	373	**Date**	X	**DT 6/6**
			Date (YYMMDD)		
Not Used	CUR12	337	**Time**	X	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR13	374	**Date/Time Qualifier**	X	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	CUR14	373	**Date**	X	**DT 6/6**
			Date (YYMMDD)		
Not Used	CUR15	337	**Time**	X	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR16	374	**Date/Time Qualifier**	X	**ID 3/3**
			Code specifying type of date or time, or both date and time		

Not Used	CUR17	373	**Date**		**X**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR18	337	**Time**		**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR19	374	**Date/Time Qualifier**		**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR20	373	**Date**		**X**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR21	337	**Time**		**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**REF** Reference Numbers	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	**1** At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

11	Account Number	

Number identifies a telecommunications industry account

AT	Appropriation Number
AX	Government Accounting Class Reference Number (ACRN)

Use to reference the long line of accounting when it pertains to the entire invoice.

BL	Government Bill of Lading
FA	Federal Acquisition Regulations (FAR)

Cite the FAST Pay Clause in REF02.

FS	Final Sequence Number

Use to indicate the suffix letter associated with a final shipment number. (i.e., when transmitting the letter Z to indicate a final shipment).

OI	Original Invoice Number
PQ	Payee Identification
SI	Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to identify the shipment number.

TG	Transportation Control Number (TCN)

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Number**	X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**N1** Name		
Position:	070		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Notes: *1. At least 2 iterations of this 1/N1/070 loop are required using codes PE and PO or PR.*

2. Use to identify a ship-to addressee when the invoice contains multiple line items and the address is applicable to all line items. Use the 2/N1/240 loop when the invoice or the ship-to address varies among the line items.

3. Use the 1/N1/070 loop to identify organizations or people that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/240 loop.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

BT	Bill-to-Party	

Use to indicate the bill-to-office.

C4	Contract Administration Office	

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

Use to indicate the contract administration officer.

II	Issuer of Invoice	

Use to indicate the sender of the invoicein Defense Fuels Supply Center (DFSC) transactions.

KX	Free on Board Point	

Use to indicate the FOB site.

PE	Payee	

Use to indicate the party submitting the invoice.

PO	Party to Receive Invoice for Goods or Services	

Use to indicate the agency, organization, or activity that is to receive the electronic invoice.

PR	Payer	

Use to indicate the paying officer.

PV	Party performing certification	

Use to indicate the party responsible for certifying receipts of goods or services.

RE	Party to receive commercial invoice remittance	

Use to indicate the remittance if other than the issuer of the invoice for Defense Fuels Supply Center (DFSC) transactions.

RI	Remit To	

Use to indicate a specific remit-to address.

SE	Selling Party	

Use to indicate the selling party for Defense Fuel Supply Center (DFSC) transactions.

SF	Ship From	

Use to indicate the shipped from address.

ST	Ship To	

Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

SV	Service Performance Site	

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

Use to indicate a location where a service, e.g., data entry, was performed.

Z7	Mark-for Party	

The party for whom the needed material is intended

Use when submitting a Fast Pay Invoice, FAR 52.213-1.

	N102	93	**Name**	X	AN 1/35
			Free-form name		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, DoD users of this implementation convention may require the use of other identification numbers for a transition period in order to cross reference existing data bases.

1	D-U-N-S Number, Dun & Bradstreet

1. Use to identify the invoicing party when code PE is cited in N101.

2. Use to identify the remit-to party when code RI is cited in N101. Cite the DUNS that was identified on the contract as the remit-to DUNS.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use to indicate the parties when DUNS+4 is appropriate.

10	Department of Defense Activity Address Code (DODAAC)

Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.

33	Commercial and Government Entity (CAGE)

Use to indicate vendors with CAGE codes.

91	Assigned by Seller or Seller's Agent

Use to indicate unique identification established by the seller. May use for Billing Office Address Code (BOAC).

92	Assigned by Buyer or Buyer's Agent

Use to indicate unique identification established by the buyer.

A2	Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use to indicate a MAPAC address.

FA	Facility Identification

Use to identify the vendor facility that cannot be identified by either a DODAAC, CAGE, or DUNS number.

FI	Federal Taxpayer's Identification Number

Must Use **N104** **67** **Identification Code** **X** **AN 2/20**

Code identifying a party or other code

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Segment:	**N2** Additional Name Information		
Position:	080		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify additional names or those longer than 35 characters in length		
Syntax Notes:			
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N201**	**93**	**Name**	**M AN 1/35**
			Free-form name	
	N202	**93**	**Name**	**O AN 1/35**
			Free-form name	

	Segment:	**N3** Address Information
	Position:	090
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/35
			Address information	
	N302	166	**Address Information**	O AN 1/35
			Address information	

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	**City Name**	O AN 2/30
		Free-form text for city name	
N402	156	**State or Province Code**	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	**Postal Code**	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	**Country Code**	O ID 2/3
		Code identifying the country	
		An application program conversion table may be required to convert agency codes to ASC X12 codes.	
N405	309	**Location Qualifier**	X ID 1/2
		Code identifying type of location	
		AR Armed Services Location Designation	
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).	
N406	310	**Location Identifier**	O AN 1/30
		Code which identifies a specific location	
		When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	

Segment:	**REF** Reference Numbers	
Position:	110	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*This 1/REF/110 segment can be used to identify numbers that apply to either the cited party or all of the line items. When the reference number does not apply to a cited party, or varies by line item, use the 2/REF/120 segment.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

1. Use, as applicable, to identify the shipment number, replacement shipment number and final shipment indicator.

2. Use, as applicable, to identify additional reference numbers such as the customer reference number, etc., applicable to the cited party.

55	Sequence Number	

Use to indicate the suffix letter associated with a replacement shipment (i.e., when transmitting the letter A to indicate the first replacement shipment).

73 Statement of Work (SOW)

Description of a product or service to be procured under a contract; statement of requirements

CR Customer Reference Number

Use to indicate a customer's internal reference number.

IL Internal Order Number

Use to indicate the organization's unique internal order number.

K5 Task Order

PQ Payee Identification

RQ Purchase Requisition No.

SI Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to identify the shipment number.

	SY		Social Security Number		
	TG		Transportation Control Number (TCN)		

Use to indicate the TCN.

	TJ		Federal Taxpayer's Identification Number		
	ZF		Contractor Establishment Code (CEC)		

Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha

Use only when N101 code is SE.

	REF02	**127**	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	**REF03**	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment: **PER** Administrative Communications Contact

Position:	120
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

AC	Administrative Contracting Officer
AF	Authorized Financial Contact
AR	Accounts Receivable Department
IC	Information Contact

Use to indicate the communication number to be contacted with questions arising from the submission of this invoice.

	PER02	93	**Name**	O AN 1/35

Free-form name

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name.

	PER03	365	**Communication Number Qualifier**	X ID 2/2

Code identifying the type of communication number

EM	Electronic Mail
FX	Facsimile

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

TE	Telephone

The telephone number shall be transmitted as a

continuous number with no extraneous characters.
Include the country code and area code. If an
extension applies to the telephone number,
concatenate the letter X plus the extension at the
end of the number, e.g., 17035551212X123.

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

EM	Electronic Mail
FX	Facsimile

The telephone number shall be transmitted as a
continuous number with no extraneous characters.
Include the country code and area code. If an
extension applies to the telephone number,
concatenate the letter X plus the extension at the
end of the number, e.g., 17035551212X123.

TE	Telephone

The telephone number shall be transmitted as a
continuous number with no extraneous characters.
Include the country code and area code. If an
extension applies to the telephone number,
concatenate the letter X plus the extension at the
end of the number, e.g., 17035551212X123.

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

EM	Electronic Mail
FX	Facsimile

The telephone number shall be transmitted as a
continuous number with no extraneous characters.
Include the country code and area code. If an
extension applies to the telephone number,
concatenate the letter X plus the extension at the
end of the number, e.g., 17035551212X123.

TE	Telephone

The telephone number shall be transmitted as a continuous number with no extraneous characters. Include the country code and area code. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.

| | **PER08** | **364** | **Communication Number** | **X** | **AN 1/80** |

Complete communications number including country or area code when applicable

| **Not Used** | **PER09** | **443** | **Contact Inquiry Reference** | **O** | **AN 1/20** |

Additional reference number or description to clarify a contact number

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale

Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: *1. Use this 1/ITD/130 segment when the discount terms apply to all of the line items. If the discount terms vary by line item, use the 2/ITD/110 segment.*

2. Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	336	**Terms Type Code**	O ID 2/2

Code identifying type of payment terms

03	Fixed Date
04	Deferred or Installment
05	Discount Not Applicable
08	Basic Discount Offered
09	Proximo
16	Prompt Payment Act
21	Fast Pay

Code indicating that an invoice is subject to accelerated payment

Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this invoice is being submitted.

22	Cash Discount Terms Apply

Contract terms specify that a cash discount is applicable

23	Payment Due Upon Receipt of Invoice

			PP	Prepayment		
			ZZ	Mutually Defined		
				Use to indicate term under a Commercial Item Finance Contract.		
	ITD02	333	**Terms Basis Date Code**		O	ID 1/2

Code identifying the beginning of the terms period

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

	ITD03	338	**Terms Discount Percent**	O	R 1/6

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

The amount shown is a percent, e.g., two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.

	ITD04	370	**Terms Discount Due Date**	X	DT 6/6

Date payment is due if discount is to be earned

Use to indicate the date for the discount when ITD01 is code 03.

	ITD05	351	**Terms Discount Days Due**	X	N0 1/3

Number of days in the terms discount period by which payment is due if terms discount is earned

	ITD06	446	**Terms Net Due Date**	O	DT 6/6

Date when total invoice amount becomes due

	ITD07	386	**Terms Net Days**	O	N0 1/3

Number of days until total invoice amount is due (discount not applicable)

	ITD08	362	**Terms Discount Amount**	O	N2 1/10

Total amount of terms discount

Use, if needed, to prevent differences that can result from rounding off methods.

Not Used	ITD09	388	**Terms Deferred Due Date**	O	DT 6/6

Date deferred payment or percent of invoice payable is due

Not Used	ITD10	389	**Deferred Amount Due**	X	N2 1/10

Deferred amount due for payment

Not Used	ITD11	342	**Percent of Invoice Payable**	X	R 1/5

Amount of invoice payable expressed in percent

Not Used	ITD12	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	ITD13	765	**Day of Month**	X	N0 1/2

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Not Used	ITD14	107	**Payment Method Code**	O	ID 1/1

Code identifying type of payment procedures

Not Used   **ITD15**   **954**   **Percent**   **O**   **R 1/10**

Percentage expressed as a decimal

Segment:	**DTM** Date/Time Reference	
Position:	140	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.
	2	If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*1. Use this 1/DTM/140 segment to specify dates if they apply to all of the line items in the invoice. When the dates vary by line item, use the 2/DTM/150 segment.*	
	2. Use two iterations of the segment when a range of dates (expressed as period start - period end, is required).	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

009	Process	
011	Shipped	
035	Delivered	
139	Estimated	
193	Period Start	

Use to indicate the performance commencement date for a line item that is ordering a service.

194	Period End

Use to indicate the performance completion date for a line item that is ordering a service.

266	Base

The start of base date for a calendar reference - all dates fall after it

Use to indicate a billing demand month. When used, cite the last date of the applicable month.

458	Certification

Date of a document attesting to a fact

615	Date Acquired

	DTM02	373	**Date**	X DT 6/6

Date (YYMMDD)

| Not Used | DTM03 | 337 | **Time** | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | DTM04 | 623 | **Time Code** | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| Not Used | DTM05 | 624 | **Century** | **O** | **N0 2/2** |

The first two characters in the designation of the year (CCYY)

| Not Used | DTM06 | 1250 | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | DTM07 | 1251 | **Date Time Period** | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**FOB** F.O.B. Related Instructions
Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	*This segment is not necessary when the order is for a service.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

BP   Paid by Buyer

The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)

Use to indicate a Government Bill of Lading (GBL) was issued.

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are added as a separate item on this invoice.

PS   Paid by Seller

The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)

Use to indicate transportation charges are included in the unit price.

Not Used	FOB02	309	**Location Qualifier**	X	ID 1/2
			Code identifying type of location		
Not Used	FOB03	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2
			Code identifying the source of the transportation terms		
Not Used	FOB05	335	**Transportation Terms Code**	X	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
Not Used	FOB06	309	**Location Qualifier**	X	ID 1/2
			Code identifying type of location		
Not Used	FOB07	352	**Description**	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	**Risk of Loss Qualifier**	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment:	**AT** **Financial Accounting**
Position:	210
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To transmit financial accounting data
Syntax Notes:	1 If AT10 is present, then AT01 is required.
Semantic Notes:	
Comments:	1 AT09 identifies unique local activity financial accounting information.
Notes:	*1. Use this 1/AT/210 segment to identify the appropriation reimbursed and disbursed when the cited appropriation data applies to all line items. When the appropriation data varies by line item, use the 2/REF/120 segment.*
	2. Only use when the purchase order contains appropriation data in the 1/AT/288 segment.
	3. Use data elements AT02, AT07, and AT09 to identify the long line accounting data as described in DFAS letter Oct. 27, 1995 titled "850 Purchase Order and 860 Purchase Order Change Request Element Standardization".

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	AT01	1271	**Industry Code**	X	AN 1/20
			Code indicating a code from a specific industry code list		
	AT02	1282	**Treasury Symbol Number**	O	AN 7/21
			Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure		
Not Used	AT03	1283	**Budget Activity Number**	O	AN 1/16
			Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure		
Not Used	AT04	1284	**Object Class Number**	O	AN 3/12
			Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure		
Not Used	AT05	1285	**Reimbursable Source Number**	O	AN 1/3
			Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure		
Not Used	AT06	1286	**Transaction Reference Number**	O	AN 4/20
			Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure		

	AT07	**1287**	**Accountable Station Number**	**O**	**AN 3/8**

Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure

Not Used	**AT08**	**1288**	**Paying Station Number**	**O**	**AN 8/14**

Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure

Must Use	**AT09**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**AT10**	**1270**	**Code List Qualifier Code**	**O**	**ID 1/3**

Code identifying a specific industry code list

Segment:	**N9** Reference Number	
Position:	240	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

01	American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)
02	Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) Identification (8 or 11 Characters)
11	Account Number
	Number identifies a telecommunications industry account
SG	Savings
SY	Social Security Number
TJ	Federal Taxpayer's Identification Number

	Ref. Des.	Data Element	Name	Attributes
	N902	127	**Reference Number**	**X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	N903	369	**Free-form Description**	**X AN 1/45**

Free-form descriptive text

	N904	373	**Date**	**O DT 6/6**

Date (YYMMDD)

	N905	337	**Time**	**X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	N906	623	**Time Code**	**O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	010
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are required.
	2 If either IT106 or IT107 is present, then the other is required.
	3 If either IT108 or IT109 is present, then the other is required.
	4 If either IT110 or IT111 is present, then the other is required.
	5 If either IT112 or IT113 is present, then the other is required.
	6 If either IT114 or IT115 is present, then the other is required.
	7 If either IT116 or IT117 is present, then the other is required.
	8 If either IT118 or IT119 is present, then the other is required.
	9 If either IT120 or IT121 is present, then the other is required.
	10 If either IT122 or IT123 is present, then the other is required.
	11 If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1 IT101 is the purchase order line item identification.
Comments:	1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
	2 IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	*1. Use multiple iterations of this 2/IT1/010 loop to provide invoice data for a specific line item. Allowances or charges identifiable to a line item will be included in that line's 2/SAC/180 loop. Invoice level of allowances or charges, that is, allowances or charges not identifiable to a specific item or line of billing, will be included in the 3/SAC/040 loop.*
	2. Use as many 235/234 pairs as necessary to describe the item being invoiced.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT101	**350**	**Assigned Identification**	**O AN 1/11**
		Alphanumeric characters assigned for differentiation within a transaction set	
		Use to identify the CLIN, SUBCLIN, or ELIN or other number identifying the line item.	
IT102	**358**	**Quantity Invoiced**	**X R 1/10**
		Number of units invoiced (supplier units)	
		When billing for metered services, the quantity invoiced is the number of units of meter usage. (e.g., 1,000 kilowatts).	
IT103	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use to identify the unit of issue for the quantity listed in IT102.

2. Use any appropriate code, but it must be the same unit of measure as cited in the applicable award instrument.

3. An application program conversion table may be required to convert agency codes to codes used by ASC X12.

4. Use the code SX, Shipment, when IT101 is a line item for prepaid transportation charges. Use the 2/SAC/180 segment when not prepaid and add.

Refer to 003050 Data Element Dictionary for acceptable code values.

| IT104 | 212 | **Unit Price** | X | R 1/17 |

Price per unit of product, service, commodity, etc.

Cite the contract or order unit price. In those cases where the line item was purchased without charge, cite the number "0".

| IT105 | 639 | **Basis of Unit Price Code** | O | ID 2/2 |

Code identifying the type of unit price for an item

Refer to 003050 Data Element Dictionary for acceptable code values.

| IT106 | 235 | **Product/Service ID Qualifier** | X | ID 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use only codes that were contained in the contract or order. For example, if the item being invoiced was ordered by its National Stock Number (code FS), use code FS followed by the National Stock Number of the item. Descriptions should be kept to a minimum essential to identify the item for payment purposes. While any code may be used, listed codes are preferred.

2. IT106 through IT125 are used in pairs. For Example, IT106 will contain a qualifier code and IT107 will contain information related to the qualifying code. So, if IT106 is code FS then IT107 would carry the National Stock Number.

A8   Exhibit Line Item Number
AK   Refined Product Code
     Use to indicate a petroleum product type.
BS   Bill Subgroup Code
CH   Country of Origin Code
CG   Commodity Grouping Code
     Use to indicate a commodity code.
CL   Color
CN   Commodity Name

FS *National Stock Number*
The NSN shall be transmitted as a continuous set
of numbers, and without dashes.
FT *Federal Supply Classification*
See Code Source 27 in the ASC X12 standards for
the FSC codes.
IN *Buyer's Item Number*
KA *Engineering Data List*
KB *Data Category Code*
KF *Item Type Number*
LT *Lot Number*
MF *Manufacturer*
When used, cite the DUNS number of the manufacturer
in the following data element.
MG *Manufacturer's Part Number*
When used, a second 235/234 pair must be used citing
either code MF or ZB.
MM *Motor Equipment Manufacturing Association (MEMA)*
Product Type Code
This code will be deleted unless a business case for its
retention is provided.
MN *Model Number*
N1 *National Drug Code in 4-4-2 Format*
N2 *National Drug Code in 5-3-2 Format*
N3 *National Drug Code in 5-4-1 Format*
N4 *National Drug Code in 5-4-2 Format*
ND *National Drug Code (NDC)*
PD *Part Number Description*
Use to indicate a clear text description of an item.
PU *Part Reference Number*
RC *Returnable Container No.*
SN *Serial Number*
SV *Service Rendered*
Use to indicate a clear text description of a service
being invoiced.
SW *Stock Number*
Use to indicate a local stock number.
SZ *Vendor Alphanumeric Size Code (NRMA)*
TP *Product Type Code*
Use to indicate a specific product type. Do not use for
petroleum products; use code AK.
UD *U.P.C./EAN Consumer Package Code*
UK *U.P.C./EAN Shipping Container Code (1-2-5-5-1)*
UN *U.P.C. Case Code Number*
VP *Vendor's (Seller's) Part Number*
ZB *Commercial and Government Entity (CAGE)*
Use, as applicable, to indicate a CAGE code when not otherwise
a part of a cited manufacturer's part number.

Refer to 003050 Data Element Dictionary for acceptable code values.

IT107	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT109	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT110	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT111	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT112	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT113	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT114	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT115	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT116	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT117	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT118	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

IT119	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

IT120	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT121** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT122** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT123** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

| **IT124** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

| **IT125** | **234** | **Product/Service ID** | **X** | **AN 1/40** |

Identifying number for a product or service

Segment:	**TXI** Tax Information
Position:	040
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify tax information
Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
	2 If either TXI04 or TXI05 is present, then the other is required.
	3 If TXI08 is present, then TXI03 is required.
Semantic Notes:	1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 TXI02 is the monetary amount of the tax.
	2 TXI03 is the tax percent expressed as a decimal.
	3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.
Notes:	*Use this 2/TXI/040 segment only if taxes apply to a line item.*

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
M	TXI01	963	**Tax Type Code**	M ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
      Use to indicate local taxes
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
      Use to indicate state excise tax
SF   Super fund
      Use to indicate the Super Fund Tax

Refer to 003050 Data Element Dictionary for acceptable code values.

	TXI02	782	**Monetary Amount**	X R 1/15

Monetary amount

	TXI03	954	**Percent**	X R 1/10

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Not Used	**TXI04**	**955**	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

Not Used	**TXI05**	**956**	**Tax Jurisdiction Code**	**X**	**AN 1/10**

Code identifying the taxing jurisdiction

Not Used	**TXI06**	**441**	**Tax Exempt Code**	**X**	**ID 1/1**

Code identifying exemption status from sales and use tax

	TXI07	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

A   Add

Use to indicate the tax amount is to be added to the invoice unit price.

I   Included

Use to indicate the tax amount is already included in the invoice unit price.

	TXI08	**828**	**Dollar Basis For Percent**	**O**	**R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

Not Used	**TXI09**	**325**	**Tax Identification Number**	**O**	**AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Not Used	**TXI10**	**350**	**Assigned Identification**	**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**PID** Product/Item Description	
Position:	060	
Loop:	PID Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To describe a product or process in coded or free-form format	

Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID03 is required.
Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.
Comments:	1	If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:		*The use of this segment is discouraged. Use only for a clear text description when the product/service identification in 235/234 pairs in the IT1 segment is insufficient to describe the item or service being invoiced. Do not use when codes in IT106/07 can be used to describe the item or service being invoiced.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**PID01**	349	**Item Description Type**	**M**	**ID 1/1**
			Code indicating the format of a description		
			F Free-form		
Not Used	**PID02**	750	**Product/Process Characteristic Code**	**O**	**ID 2/3**
			Code identifying the general class of a product or process characteristic		
Not Used	**PID03**	559	**Agency Qualifier Code**	**X**	**ID 2/2**
			Code identifying the agency assigning the code values		
Not Used	**PID04**	751	**Product Description Code**	**X**	**AN 1/12**
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use to identify the item description or job description.		
Not Used	**PID06**	752	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

| Not Used | PID07 | 822 | **Source Subqualifier** | **O** | **AN 1/15** |

A reference that indicates the table or text maintained by the Source Qualifier

| Not Used | PID08 | 1073 | **Yes/No Condition or Response Code** | **O** | **ID 1/1** |

Code indicating a Yes or No condition or response

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	110	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	*1. Use this 2/ITD/110 segment when the discount terms vary by line item. If the discount applies to all of the line items, use the 1/ITD/130 segment.*	
	2. Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.	

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
ITD01	**336**	**Terms Type Code**		**O ID 2/2**
		Code identifying type of payment terms		
		03	Fixed Date	
		04	Deferred or Installment	
		05	Discount Not Applicable	
		08	Basic Discount Offered	
		09	Proximo	
		16	Prompt Payment Act	
		21	Fast Pay	
			Code indicating that an invoice is subject to accelerated payment	
			Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this invoice is being submitted.	
		23	Payment Due Upon Receipt of Invoice	
		PP	Prepayment	
ITD02	**333**	**Terms Basis Date Code**		**O ID 1/2**
		Code identifying the beginning of the terms period		

> *Use any code.*

Refer to 003050 Data Element Dictionary for acceptable code values.

	ITD03	**338**	**Terms Discount Percent**	**O**	**R 1/6**

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

> ***The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.***

	ITD04	**370**	**Terms Discount Due Date**	**X**	**DT 6/6**

Date payment is due if discount is to be earned

	ITD05	**351**	**Terms Discount Days Due**	**X**	**N0 1/3**

Number of days in the terms discount period by which payment is due if terms discount is earned

	ITD06	**446**	**Terms Net Due Date**	**O**	**DT 6/6**

Date when total invoice amount becomes due

	ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**

Number of days until total invoice amount is due (discount not applicable)

	ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**

Total amount of terms discount

> ***Use, if needed, to prevent differences that can result from rounding off methods.***

Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT 6/6**

Date deferred payment or percent of invoice payable is due

Not Used	**ITD10**	**389**	**Deferred Amount Due**	**X**	**N2 1/10**

Deferred amount due for payment

Not Used	**ITD11**	**342**	**Percent of Invoice Payable**	**X**	**R 1/5**

Amount of invoice payable expressed in percent

Not Used	**ITD12**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**ITD13**	**765**	**Day of Month**	**X**	**N0 1/2**

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Not Used	**ITD14**	**107**	**Payment Method Code**	**O**	**ID 1/1**

Code identifying type of payment procedures

Not Used	**ITD15**	**954**	**Percent**	**O**	**R 1/10**

Percentage expressed as a decimal

Segment:	**REF** Reference Numbers	
Position:	120	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*1. Use this 2/REF/120 segment to identify reference numbers that vary by line item. When the reference numbers apply to all the line items in the invoice, use the 1/REF/110 segment.*	
	2. When the PAM segment is used, there must be at least one REF segment used with code AT cited in REF01.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

12	Billing Account	
	Account number under which billing is rendered	
	Use to indicate the Invoice Account Number.	
55	Sequence Number	
	Use to indicate a suffix number associated with a final shipment number (i.e., when transmitting the letter Z to indicate a final shipment). (Applicable to DoD invoices only.)	
AT	Appropriation Number	
AW	Air Waybill Number	
AX	Government Accounting Class Reference Number (ACRN)	
BL	Government Bill of Lading	
	Use to indicate the government bill of lading number.	
CA	Cost Allocation Reference	
FA	Federal Acquisition Regulations (FAR)	
FS	Final Sequence Number	
	Use, as applicable, to indicate the suffix number of a replacement shipment associated with a shipment number (i.e., when transmitting the letter A to indicate the first replacement shipment).	

			IL	Internal Order Number		
			K5	Task Order		
			OI	Original Invoice Number		
			RQ	Purchase Requisition No.		

Use to indicate the purchase requisition number which is the 14/15 position MILSTRIP requisition number (or other 14/15 position document number of non-MILSTRIP items) associated to the current line item.

			SE	Serial Number		

Use to indicate the item's serial number.

			SI	Shipper's Identifying Number for Shipment (SID)		

A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to indicate the vendor shipping number.

			TG	Transportation Control Number (TCN)		
Must Use	**REF02**	**127**	**Reference Number**		**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	REF03	**352**	**Description**		**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

	Segment:	**DTM** Date/Time Reference
	Position:	150
	Loop:	IT1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify pertinent dates and times
	Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
		2 If either DTM06 or DTM07 is present, then the other is required.
	Semantic Notes:	
	Comments:	
	Notes:	*1. Use two iterations of the segment when a range of dates (expressed as period start - period end, is required).*
		2. Use this 2/DTM/150 segment to specify the dates of the line item data for the invoice. When the dates for all items are the same, use the 1/DTM/140 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

007	Effective	
	Use to indicate the effective date.	
011	Shipped	
	Use to indicate the date the goods were shipped.	
035	Delivered	
135	Booking	
	Use to indicate a billing revenue period. When used, identify the period in DTM06/07.	
193	Period Start	
	Use to indicate the performance commencement date for a line item that is ordering a service.	
194	Period End	
	Use to indicate the performance completion date for a line item that is ordering a service.	
266	Base	
	The start of base date for a calendar reference - all dates fall after it	
	Use to indicate a billing demand month. When used, cite the last date of the applicable month.	
321	Purchased	
	Date product/extended coverage was purchased	

		458	Certification		
			Date of a document attesting to a fact		
	DTM02	**373**	**Date**	**X**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**DTM03**	**337**	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| **Not Used** | **DTM04** | **623** | **Time Code** | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| **Not Used** | **DTM05** | **624** | **Century** | **O** | **N0 2/2** |

The first two characters in the designation of the year (CCYY)

| **Not Used** | **DTM06** | **1250** | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

Refer to 003050 Data Element Dictionary for acceptable code values.

| **Not Used** | **DTM07** | **1251** | **Date Time Period** | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**CAD** Carrier Detail	
Position:	160	
Loop:	IT1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify transportation details for the transaction	
Syntax Notes:	1	At least one of CAD05 or CAD04 is required.
	2	If CAD07 is present, then CAD08 is required.
Semantic Notes:		
Comments:		
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*	
	2. Use this 2/CAD/160 segment to identify the transportation data that vary by line item. When the transportation information applies to all line items in the invoice, use the 3/CAD/030 segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	CAD01	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		
			1. Use to indicate the transportation method/type code for the line items.		
			2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	**CAD02**	**206**	**Equipment Initial**	**O**	**AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number		
Not Used	**CAD03**	**207**	**Equipment Number**	**O**	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
Not Used	**CAD04**	**140**	**Standard Carrier Alpha Code**	**X**	**ID 2/4**
			Standard Carrier Alpha Code		
Must Use	**CAD05**	**387**	**Routing**	**X**	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
			Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data, (i.e., the number 1), shall not be processed by the receiving application program.		
Not Used	**CAD06**	**368**	**Shipment/Order Status Code**	**O**	**ID 2/2**
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a		

line item or transaction

| Not Used | CAD07 | 128 | **Reference Number Qualifier** | O | ID 2/2 |

Code qualifying the Reference Number.

| Not Used | CAD08 | 127 | **Reference Number** | X | AN 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| Not Used | CAD09 | 284 | **Service Level Code** | O | ID 2/2 |

Code defining service

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	180	
Loop:	SAC Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge	
Syntax Notes:	1	At least one of SAC02 or SAC03 is required.
	2	If either SAC03 or SAC04 is present, then the other is required.
	3	If either SAC06 or SAC07 is present, then the other is required.
	4	If either SAC09 or SAC10 is present, then the other is required.
	5	If SAC11 is present, then SAC10 is required.
	6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7	If SAC14 is present, then SAC13 is required.
Semantic Notes:	1	If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
	2	SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3	SAC08 is the allowance or charge rate per unit.
	4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
Comments:	1	SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
	2	In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	*1. Use this 2/SAC/180 segment to identify charges that apply to a line item. If the charges apply to all of the line items, use the 3/SAC/040 segment.*	
	2. Use also to identify the amount of the line item total invoice amount that is to be applied to the accounting data cited in SAC15.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	

	C		Charge		
	N		No Allowance or Charge		

Use to indicate that the amount cited in SAC05 is to be applied to the accounting data identified in SAC15.

	SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

Any code may be used except those referring to taxes which should be carried in the TXI segment.

F460   Postage
F650   Preparation
*   Use to indicate packing, crating and handling.*
I170   Trade Discount
I260   Transportation Direct Billing
ZZZZ Mutually Defined
*   Use to indicate the amount cited in SAC05 is to*
*   be applied to the accounting data identified in SAC15.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**SAC03**	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**

Code identifying the agency assigning the code values

Not Used	**SAC04**	**1301**	**Agency Service, Promotion, Allowance, or Charge Code**	**X**	**AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

	SAC05	**610**	**Amount**	**O**	**N2 1/15**

Monetary amount

1. Use to identify the amount of the allowance or charge.

2. When SAC02 is code ZZZZ, cite the line item invoiced amount that is to be applied to the accounting data identified in SAC15.

	SAC06	**378**	**Allowance/Charge Percent Qualifier**	**X**	**ID 1/1**

Code indicating on what basis allowance or charge percent is calculated

Refer to 003050 Data Element Dictionary for acceptable code values.

	SAC07	**332**	**Percent**	**X**	**R 1/6**

Percent expressed as a percent

The amount shown is a percentage, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write as .025.

	SAC08	**118**	**Rate**	**O**	**R 1/9**

Rate expressed in the standard monetary denomination for the currency specified

Use to identify the allowance or charge rate per unit.

	SAC09	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	SAC10	**380**	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

	SAC11	**380**	**Quantity**	**O**	**R 1/15**

Numeric value of quantity

Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.

Not Used	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**

Code indicating method of handling for an allowance or charge

Not Used	**SAC13**	**127**	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	**SAC14**	**770**	**Option Number**	**O**	**AN 1/20**

A unique number identifying available promotion or allowance options when more than one is offered

	SAC15	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

1. Use only when additional clarification of SAC02 is required.

2. When SAC02 is code ZZZZ, identify the accounting data against which the amount cited in SAC05 is to be applied.

Segment:	**TXI** Tax Information				
Position:	190				
Loop:	SAC	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	10				
Purpose:	To specify tax information				
Syntax Notes:	1	At least one of TXI02 TXI03 or TXI06 is required.			
	2	If either TXI04 or TXI05 is present, then the other is required.			
	3	If TXI08 is present, then TXI03 is required.			
Semantic Notes:	1	TXI07 is a code indicating the relationship of the price or amount to the associated segment.			
Comments:	1	TXI02 is the monetary amount of the tax.			
	2	TXI03 is the tax percent expressed as a decimal.			
	3	If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.			
Notes:	*Use this 2/TXI/190 segment only if taxes to the cited charge amounts.*				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	TXI01	963	**Tax Type Code**	M	ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
    Use to indicate local taxes
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
    Use to indicate state excise tax
SF   Super fund
    Use to indicate the Super Fund Tax

Refer to 003050 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name		Attributes
	TXI02	782	**Monetary Amount**	X	R 1/15

Monetary amount

	Ref. Des.	Data Element	Name		Attributes
	TXI03	954	**Percent**	X	R 1/10

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

Not Used	TXI05	956	**Tax Jurisdiction Code**	**X**	**AN 1/10**

Code identifying the taxing jurisdiction

Not Used	TXI06	441	**Tax Exempt Code**	**X**	**ID 1/1**

Code identifying exemption status from sales and use tax

	TXI07	662	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

    A   Add

Use to indicate the tax amount is to be added to the charge amount being invoiced.

    I   Included

Use to indicate the tax amount is already included in the charge amount being invoiced.

	TXI08	828	**Dollar Basis For Percent**	**O**	**R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

Not Used	TXI09	325	**Tax Identification Number**	**O**	**AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Not Used	TXI10	350	**Assigned Identification**	**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**SLN** Subline Item Detail	
Position:	200	
Loop:	SLN Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify product subline detail item data	
Syntax Notes:	1	If SLN07 is present, then SLN06 is required.
	2	If SLN08 is present, then SLN06 is required.
	3	If either SLN09 or SLN10 is present, then the other is required.
	4	If either SLN11 or SLN12 is present, then the other is required.
	5	If either SLN13 or SLN14 is present, then the other is required.
	6	If either SLN15 or SLN16 is present, then the other is required.
	7	If either SLN17 or SLN18 is present, then the other is required.
	8	If either SLN19 or SLN20 is present, then the other is required.
	9	If either SLN21 or SLN22 is present, then the other is required.
	10	If either SLN23 or SLN24 is present, then the other is required.
	11	If either SLN25 or SLN26 is present, then the other is required.
	12	If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1	SLN01 is the identifying number for the subline item.
	2	SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3	SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4	SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1	See the Data Dictionary for a complete list of ID's.
	2	SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3	SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	*Use to identify the portion of the invoice which is attributed to Government Furnished Material.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SLN01	350	**Assigned Identification**	M AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	SLN02	350	**Assigned Identification**	O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
M	SLN03	662	**Relationship Code**	M ID 1/1

Code indicating the relationship between entities

O   Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

M	**SLN04**	**380**	**Quantity**	**M**	**R 1/15**

Numeric value of quantity

M	**SLN05**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	SLN06	**212**	**Unit Price**	**X**	**R 1/17**

Price per unit of product, service, commodity, etc.

	SLN07	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**

Code identifying the type of unit price for an item

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	**SLN08**	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

	SLN09	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

	SLN10	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	**SLN11**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**SLN12**	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	**SLN13**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**SLN14**	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	**SLN15**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**SLN16**	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

Not Used	**SLN17**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	SLN18	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	SLN19	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN20	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	SLN21	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN22	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	SLN23	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN24	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	SLN25	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN26	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	SLN27	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN28	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		

Segment:		**REF** Reference Numbers		
Position:	210			
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify identifying numbers.			
Syntax Notes:	1	At least one of REF02 or REF03 is required.		
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

AT		Appropriation Number

Use to identify the accounting/appropriation data of the billed activity when the data is applicable to the cited line item.

AX		Government Accounting Class Reference Number (ACRN)

Use to reference the long line accounting/information

RQ		Purchase Requisition No.

Use to indicate the 14/15 position MILSTRIP requisition number associated with the line item.

	REF02	127	**Reference Number**	X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

Segment: **N1** Name
Position: 240
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: *Use this 2/N1/240 loop to identify information pertaining to the line item. If the information applies to all of the line items, use the 1/N1/070 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

ST Ship To

Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

SV Service Performance Site

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

Use to indicate the location where a service was performed.

	N102	93	Name	X AN 1/35

Free-form name

Must Use	N103	66	Identification Code Qualifier	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, DoD users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.

	1		D-U-N-S Number, Dun & Bradstreet
	9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix
	10		Department of Defense Activity Address Code (DODAAC)
	33		Commercial and Government Entity (CAGE)
	A2		Military Assistance Program Address Code (MAPAC)
			Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
	FA		Facility Identification

Use to identify the vendor facility that cannot be identified by either a DoDAAC, CAGE or DUNS number.

Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		

	Segment:	**N2** Additional Name Information
	Position:	250
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify additional names or those longer than 35 characters in length
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment:	**N3** Address Information			
Position:	260			
Loop:	N1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify the location of the named party			
Syntax Notes:				
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	**M AN 1/35**
			Address information	
	N302	166	**Address Information**	**O AN 1/35**
			Address information	

Segment:	**N4** Geographic Location
Position:	270
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name**	**O**	**AN 2/30**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**O**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 3/11**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		
		An application program conversion table may be required to convert agency codes to ASC X12 codes.		
N405	**309**	**Location Qualifier**	**X**	**ID 1/2**
		Code identifying type of location		
		AR Armed Services Location Designation		
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).		
N406	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		

Segment:	**TDS** Total Monetary Value Summary		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify the total invoice discounts and amounts		
Syntax Notes:			
Semantic Notes:	1	TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).	
	2	TDS02 indicates the amount upon which the terms discount amount is calculated.	
	3	TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).	
	4	TDS04 indicates the total amount of terms discount.	
Comments:	1	TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.	
Notes:	*There is no need to transmit either the currency symbol (e.g., the dollar sign $), commas separating thousands, or the decimal point because the amount data elements are N2 types which means that there are two decimal places implied in every transmitted number. When using, be sure to follow all whole numbers with two zeros to account for the implied two decimal places.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TDS01	610	**Amount**	**M N2 1/15**
			Monetary amount	
	TDS02	610	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the total amount of the invoice subject to discounts (which may vary by line item). Use is required if the dollar value subject to the terms discount is not equal to the dollar value cited in TDS01.	
	TDS03	610	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the total amount of the invoice minus allowances and discounts and plus the charges, as applicable.	
	TDS04	610	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the terms discount total amount applicable to the invoice.	

Segment: **TXI** Tax Information

Position:	020
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	10
Purpose:	To specify tax information
Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
	2 If either TXI04 or TXI05 is present, then the other is required.
	3 If TXI08 is present, then TXI03 is required.
Semantic Notes:	1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 TXI02 is the monetary amount of the tax.
	2 TXI03 is the tax percent expressed as a decimal.
	3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.
Notes:	*Use this 3/TXI/020 segment to identify the total tax amount applicable to the total invoiced amount.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M **TXI01**	**963**	**Tax Type Code**	**M ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
   Use to indicate local taxes
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
   Use to indicate state excise tax
SF   Super fund
   Use to indicate the Super Fund Tax

Refer to 003050 Data Element Dictionary for acceptable code values.

TXI02	**782**	**Monetary Amount**	**X R 1/15**

Monetary amount

TXI03	**954**	**Percent**	**X R 1/10**

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are

suppressed).

Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

Not Used	TXI05	956	**Tax Jurisdiction Code**	**X**	**AN 1/10**

Code identifying the taxing jurisdiction

Not Used	TXI06	441	**Tax Exempt Code**	**X**	**ID 1/1**

Code identifying exemption status from sales and use tax

	TXI07	662	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

A   Add

Use to indicate the total tax amount that must be added to the total invoice amount.

I   Included

Use to indicate the total tax amount is already included in the invoice total amount.

	TXI08	828	**Dollar Basis For Percent**	**O**	**R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

Not Used	TXI09	325	**Tax Identification Number**	**O**	**AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Not Used	TXI10	350	**Assigned Identification**	**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**CAD** Carrier Detail
Position:	030
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation details for the transaction
Syntax Notes:	1 At least one of CAD05 or CAD04 is required.
	2 If CAD07 is present, then CAD08 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*
	2. Use this 3/CAD/030 segment to identify transportation information that applies to all line items. When the transportation information varies by line item, use the 2/CAD/160 segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	CAD01	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		
			1. Use to indicate the transportation method/type code for the line items.		
			2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	**CAD02**	**206**	**Equipment Initial**	**O**	**AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number		
Not Used	**CAD03**	**207**	**Equipment Number**	**O**	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
Not Used	**CAD04**	**140**	**Standard Carrier Alpha Code**	**X**	**ID 2/4**
			Standard Carrier Alpha Code		
Must Use	**CAD05**	**387**	**Routing**	**X**	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
			Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data shall not be processed by the receiving application program.		
Not Used	**CAD06**	**368**	**Shipment/Order Status Code**	**O**	**ID 2/2**
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a		

line item or transaction

| Not Used | CAD07 | 128 | **Reference Number Qualifier** | **O** | **ID 2/2** |

Code qualifying the Reference Number.

| Not Used | CAD08 | 127 | **Reference Number** | **X** | **AN 1/30** |

Reference number or identification number as defined for a particular
Transaction Set, or as specified by the Reference Number Qualifier.

| Not Used | CAD09 | 284 | **Service Level Code** | **O** | **ID 2/2** |

Code defining service

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information		
Position:	040		
Loop:	SAC	Optional	
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge		
Syntax Notes:	1	At least one of SAC02 or SAC03 is required.	
	2	If either SAC03 or SAC04 is present, then the other is required.	
	3	If either SAC06 or SAC07 is present, then the other is required.	
	4	If either SAC09 or SAC10 is present, then the other is required.	
	5	If SAC11 is present, then SAC10 is required.	
	6	If SAC13 is present, then at least one of SAC02 or SAC04 is required.	
	7	If SAC14 is present, then SAC13 is required.	
Semantic Notes:	1	If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.	
	2	SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.	
	3	SAC08 is the allowance or charge rate per unit.	
	4	SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.	
	5	SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.	
	6	SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.	
Comments:	1	SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.	
	2	In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.	
Notes:	*Use the 3/SAC/040 segment to identify total charges that are not being invoiced as a line item. These amounts are included in the TDS segment.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	**M ID 1/1**
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
			C Charge	
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	**X ID 4/4**

Code identifying the service, promotion, allowance, or charge

Use any code except those that are tax related. Those codes should be carried in the TXI segment.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

Use to identify the amount of the allowance or charge.

	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

Refer to 003050 Data Element Dictionary for acceptable code values.

	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.

	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Use to identify the allowance or charge rate per unit.

	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

	SAC11	380	**Quantity**	O	R 1/15

Numeric value of quantity

Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID 2/2

Code indicating method of handling for an allowance or charge

Not Used	SAC13	127	**Reference Number**	X	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	SAC14	770	**Option Number**	**O**	**AN 1/20**

A unique number identifying available promotion or allowance options when more than one is offered

	SAC15	352	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Use only when additional clarification of codes in SAC02 is required.

	Segment:	**TXI** Tax Information
	Position:	050
	Loop:	SAC Optional
	Level:	Summary
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify tax information
	Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
		2 If either TXI04 or TXI05 is present, then the other is required.
		3 If TXI08 is present, then TXI03 is required.
	Semantic Notes:	1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
	Comments:	1 TXI02 is the monetary amount of the tax.
		2 TXI03 is the tax percent expressed as a decimal.
		3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.
	Notes:	*Use this 3/TXI/050 segment to identify total taxes applicable to total charge amounts. These amounts are included in TDS segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TXI01	963	**Tax Type Code**	M ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
      Use to indicate local taxes
LS   State and Local Sales Tax
SA   State Fuel Tax
SE   State Excise Tax
      Use to indicate state excise tax
SF   Super fund
      Use to indicate the Super Fund Tax

Refer to 003050 Data Element Dictionary for acceptable code values.

	TXI02	782	**Monetary Amount**	X R 1/15

Monetary amount

	TXI03	954	**Percent**	X R 1/10

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are

suppressed).

Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	**X**	**ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

Not Used	TXI05	956	**Tax Jurisdiction Code**	**X**	**AN 1/10**

Code identifying the taxing jurisdiction

Not Used	TXI06	441	**Tax Exempt Code**	**X**	**ID 1/1**

Code identifying exemption status from sales and use tax

	TXI07	662	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

    A   Add

Use to indicate the total tax amount applicable to the total charges that must be added to the total invoice amount.

    I   Included

Use to indicate the total tax amount applicable to the total charges that is already included in the total invoice amount.

	TXI08	828	**Dollar Basis For Percent**	**O**	**R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

Not Used	TXI09	325	**Tax Identification Number**	**O**	**AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Not Used	TXI10	350	**Assigned Identification**	**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

	Segment:	**CTT** Transaction Totals
	Position:	070
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set
	Syntax Notes:	**1** If either CTT03 or CTT04 is present, then the other is required.
		2 If either CTT05 or CTT06 is present, then the other is required.
	Semantic Notes:	
	Comments:	**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**CTT01**	**354**	**Number of Line Items**	**M N0 1/6**
			Total number of line items in the transaction set	
			Use to indicate the number of times the IT1 loop was used in the transaction set.	
	CTT02	**347**	**Hash Total**	**O R 1/10**
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	**CTT03**	**81**	**Weight**	**X R 1/10**
			Numeric value of weight	
Not Used	**CTT04**	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	**CTT05**	**183**	**Volume**	**X R 1/8**
			Value of volumetric measure	
Not Used	**CTT06**	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	**CTT07**	**352**	**Description**	**O AN 1/80**
			A free-form description to clarify the related data elements and their	

content

		SE Transaction Set Trailer		
Segment:				
Position:	080			
Loop:				
Level:	Summary			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).			
Syntax Notes:				
Semantic Notes:				
Comments:	**1**	SE is the last segment of each transaction set.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	**M**	**N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	**M**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			Cite the same number that is contained in ST02.		